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INITIALS	NUMBER	DATE	Chadsey, Jr.	CLASS	SUBCLASS	If Appropriate			
RRB	2,664,852	01-05-1954	•		1 1				
1	2,665,226	01-05-1954	Godley, 2 <sup>nd</sup> et al.	1 1					
-	2,996,037	08-15-1961	Eng						
	3,016,873	01-16-1962	Baer et al.						
	3,511,703	05-12-1970	Peterson						
	3,625,848	12-07-1971	Snapper						
	4,230,068	10-28-1980	Itoh et al.						
	4,438,368	03-20-1984	Abe et al.						
	4,448,802	01-15-1984	Buhl et al.						
	4,532,150	07-30-1985	Endo et al.						
	4,532,196	07-30-1985	Yasui et al.						
	4,552,791	11-12-1985	Hahn						
	4,573,429	03-04-1986	Cobbs, Jr. et al.						
	4,615,916	10-07-1986	Henderson						
	4,634,605	01-06-1987	Wiesmann						
	4,697,974	10-06-1987	Eltoukhy						
	4,752,426	06-21-1988	Cho						
	4,765,273	08-23-1988	Anderle						
	4,824,545	04-25-1989	Arnold et al.						
	4,849,088	07-18-1989	Veltrop et al.						
RRB	4,888,199	12-19-1989	Felts et al.		l l				
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RRB	4,902,531	02-20-1990	Nakayama et al.			م			
. 1	4,917,786	04-17-1990	Ehrich						
	4,919,968	04-24-1990	Buhl et al.						
	4,956,196	09-11-1990	Wagner et al.						
	4,975,168	12-04-1990	Ohno et al.						
	5,084,356	01-28-1992	Deak et al.						
	5,085,904	02-04-1992	Deak et al.						
	5,091,210	02-25-1992	Mikoshiba et al.						
	5,096,558	03-17-1992	Ehrich						
	5,112,644	05-12-1992	Seddon et al.						
	5,215,640	06-01-1993	Buhl et al.						
	5,250,328	10-05-1993	Otto						
	5,308,649	05-03-1994	Babacz						
	5,308,950	05-03-1994	Ramm et al.						
	5,364,666	11-15-1994	Williams et al.						
	5,374,314	12-20-1994	Babacz						
	5,378,510	01-03-1995	Thomas et al.	***************************************					
	5,387,326	02-07-1995	Buhl et al.						
	5,429,729	07-04-1995	Kamei et al.						
	5,437,895	08-01-1995	Kodama et al.						
RRB	5,440,446	08-08-1995	Shaw et al.						
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S,468,520   11-21-1995   Williams et al.		5,462,779	10-31-1995	Misiano et al.			1			
5,521,351   05-28-1996   Mahoney		5,468,520	11-21-1995	Williams et al.		(				
5,531,060 07-02-1996 Fayet et al.  5,558,720 09-24-1996 Sarraf et al.  5,565,248 10-15-1996 Plester et al.  5,571,470 11-05-1996 Plester  5,616,369 04-01-1997 Williams et al.  5,641,559 06-24-1997 Namiki  5,651,867 07-29-1997 Kokaku et al.  5,662,741 09-02-1997 Ehrich  5,670,224 09-23-1997 lzu et al.  5,670,224 09-23-1997 lzu et al.  5,670,070 10-14-1997 Esser et al.  5,691,007 11-25-1997 Montgomery  5,704,983 01-06-1998 Thomas et al.  5,725,909 03-10-1998 Shaw et al.  5,984,224 09-07-1999 Signer  6,132,562 10-17-2000 Baumecker  6,223,683 05-01-2001 Plester et al.  RR G 6,224,948 05-01-2001 Affinito		5,510,155	04-23-1996	Williams et al.						
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RRB	6,276,296	08-21-2001	Plester	,, <u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>	1					
<u> </u>	6,279,505	08-28-2001	Plester et al.							
-	6,338,870	01-15-2002	Jaccoud							
	2001/0022272	09-20-2001	Plester et al.							
	2001/0042510	11-22-2001	Plester et al.		1 1					
RRB	2002/0179603	12-05-2002	Darras et al.		1-1-					
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INITIALS	NUMBER 1521421	11.12.1969	DE	NV Philips' Gloeilampenfabrieken		Yes	No			
RRB						X				
	3239131 A1	26.04.1984	DE	Winert, Hilmar		Abstract only				
	4026494°C2	21.05.1992	DE	Ehric-Plasma-Coating	СМВН	Abstract only				
	4203371 C1	25.02.1993	DE	Multi-Arc Oberflachter	ntechnik	Abstract only				
	4006457 C2	30.09.1993	DE	Balzers AG		Abstract only				
	4305721 C1	21.07.1994	DE	VTD-Vakuumtechnik I	Oresden Gmb	х				
	4343042 C1	09.03.1995	DE	Fraunhofer-Gesellschaf	ft zur Forderung	х				
	4412906-C1	13.07.1995	DE	Fraunhofer-Gesellschaf	ft zur Forderung	Abstract only				
	19600993 A1	08.08.1996	DE	Technics Plasma GMB	Н	Abstract only				
	4444763 C2	21.11.1996	DE	APVV Angewandte Pla	asma	Abstract only				
	19546827 A1	19.06.1997	DE	Fraunhofer-Gesellscha	ft zur Forderung	Abstract only				
	57169088	18.10.1982	JP	Olympus Optical Co. L	.td.	х				
	61104075	22.05.1986	JP	Sato Hironobu		х				
	63243264	11.10.1988	JP	Matsushita Electric Ind	l. Co. Ltd.	х				
	63312968	12.21.1988	JP	Hitachi Ltd	•	Abstract only				
	02118064	02.05.1990	JP	Mitsubishi Heavy Ind.	Ltd.	Abstract only				
	03036258	02.15.1991	JP	Toki Kazuyuki		Abstract only				
	04048515	02.18.1992	JР	Hitachi Aic Inc.		Abstract only				
	08092764	09.04.1996	JP	Nec Kyushu Ltd.		х				
	11290767	10.26.1999	JP	Ulvac Corp.		Abstract only				
RRB	2001261075	09.26.2001	JP	Toppan Printing Co. Lt		Abstract only				
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RRB	0460796 B1	19.04.1991	EP	E.I. Du Pont de Nemou			English		
	0535810 A1	08.09.1992	EP	E.I. Du Pont de Nemou	rs & Co.		English		
	0438627 B1	24.05.1995	EP	VTD-Vakuumtechnik I	Dresden GMBH		х		
	0785291 A1	23.07.1997	EP	The BOC Group Inc.			English		
	00550039 B1	18.03.1998	EP	Toyo Boseki Kabushik	i Kalsha		English		
	2139647 A	14.11.1984	GB	The BOC Group Inc.			English		
	2263472 A	14.01.1992	GB	Stalplex Ltd.			English		
	92/03841	05.02.1993	WO	Plasco Dr. Ehric Plasm GMBH		Abstract Only			
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